



Calhoun: The NPS Institutional Archive
DSpace Repository

History of Naval Postgraduate School

Biographies

1979

Resume of Arthur Jeffrey Perkins, 1979

Perkins, Arthur Jeffrey

Monterey, California: Naval Postgraduate School

<http://hdl.handle.net/10945/54096>

This publication is a work of the U.S. Government as defined in Title 17, United States Code, Section 101. Copyright protection is not available for this work in the United States.

Downloaded from NPS Archive: Calhoun



Calhoun is the Naval Postgraduate School's public access digital repository for research materials and institutional publications created by the NPS community. Calhoun is named for Professor of Mathematics Guy K. Calhoun, NPS's first appointed -- and published -- scholarly author.

Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943

<http://www.nps.edu/library>

RESUME OF ARTHUR JEFFREY PERKINS

Jeff Perkins was born in Yardley, Pennsylvania on December 6, 1942. He attended Drexel Institute of Technology in Philadelphia as a cooperative education student, receiving a B.S. in Metallurgical Engineering in June 1965.

Graduate study followed at Case Institute of Technology in Cleveland where he received an M.S. in Metallurgy in 1967 and a Ph.D. in 1969. His research concentrated on electron microscopic studies of phase transformations and lattice instability in transition metal alloys, under the direction of Professor R. F. Hehemann.

This was followed by two years (1969-71) of post doctoral study at Mellon Institute of Science of Carnegie-Mellon University where, with the guidance of Professor T. B. Massalski, Head of the Metal Physics Group, he did research on phase transformation mechanisms and kinetics. During the Summer of 1970 he was a Visiting Research Scientist with the Plutonium Metallurgy Division of Lawrence Livermore Laboratory, working on plutonium alloy development. In April 1971 he accepted a position as Metallurgy Section Leader at the Electric Storage Battery, Inc., Research Center, Yardley, Pennsylvania, where he was responsible for Pb, Mg, and Zn alloy development for storage battery applications.

For the academic year 1971-72 he accepted a position as Assistant Professor of Metallurgical Engineering and Materials Science at Youngstown (Ohio) State University.

In July, 1972 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is an Associate Professor in the Department of Mechanical Engineering. During 1978-79 he was a Visiting Scientist with the Office of Naval Research, London Branch.

He is a member of the American Society for Metals, The Metallurgical Society (TMS) of AIME, the Physical Metallurgy Committee of the Institute of Metals Division (IMD) of (TMS), ASEE, AAUP, Sigma Xi, and Alpha Sigma Mu.

